

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/791,352

Confirmation No.:

2406

Applicant

Shashidhar Sathyanarayana

Filing Date

March 1, 2004

Title

Method of Catheter Tracking Using Image Information

Group Art Unit:

3737

Examiner

not yet assigned

Docket No.

701470.4074

Customer No.

34313

Commissioner for Patents PO Box 1450 Mail Stop Patent Application Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449. In accordance with the USPTO waiver of the requirement under 37 CFR 1.98(a)(2)(i), only copies of foreign patent documents and non-patent literature are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

CERTIFICATE OF MAILING (37 CFR §1.8)

I hereby certify, pursuant to 37 CFR §1.8, that I have reasonable basis to expect that that this paper or fee (along with any referred to as being attached or enclosed) would be mailed or transmitted on or before the date indicated with the United States Postal Service with sufficient postage as first class mail on the date shown below in an envelope addressed to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Dated: June 9, 2004

DOCSOC1:151608.1

Applicant Appl. No. Examiner Docket No.

Shashidhar Sathyanarayana 10/791,352 not yet assigned 701470.4074

INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

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\boxtimes	This II	OS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b),
that is	(1) with	nin three months of the filing date of the application, which is not a continued
prosec	cution a	pplication filed under § 1.53(d); or (2) within three months of entry of the national
stage	as set f	orth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the
merits	; or (4)	before the mailing of a first Office action after filing a request for continued
exami	nation ι	under § 1.114. Thus, no fee is required.
	\boxtimes	However, if the undersigned is in error in this regard, Applicant respectfully
		requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if
		applicable, and charge the fee due under 37 CFR §1.17(p) to the deposit
		account referenced below.
		However, if the undersigned is in error in this regard, Applicant respectfully
		requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if
		applicable, and a statement under 37 CFR § 1.97(e) is included below, thus
		no fee is required.
	This ID	OS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office
action	on the	merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance
under	37 CFF	R § 1.311.
•		The fee due under 37 CFR § 1.17(p) is submitted herewith.
		A statement under 37 CFR § 1.97(e) is included below, thus no fee is
		required. In the event that this IDS is not received before a Final Action or a
		Notice of Allowance, then Applicant respectfully requests that the Office
		consider the filing of these papers to be submitted under 37 CFR § 1.97(d)
		and charge the fee due under 37 CFR § 1.17(p) to the deposit account below
	This IE	OS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37
CFR §		or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue
		nent under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR
		ubmitted herewith.

Applicant

Appl. No. Examiner

Shashidhar Sathyanarayana 10/791,352 not yet assigned 701470.4074

Docket No.

STATEMENT U	Inder 37 CFR § 1.97(e):				
Each item contained in this IDS was	Each item contained in this IDS was first cited in any communication from a foreign				
patent office in a counterpart foreign applic	cation not more than three months prior to the filing of				
this IDS.					
No item contained in this IDS was of the contained in	No item contained in this IDS was cited in a communication from a foreign patent office				
in a counterpart foreign application, and, to	the knowledge of the person signing this statement				
after making reasonable inquiry, no item of	f information contained in this IDS was known to any				
individual designated in 37 CFR § 1.56(c)	more than three months prior to the filing of this IDS.				
Payment and/or Au	JTHORIZATION TO CHARGE FEES:				
A check in the amount of is e	enclosed for the above fee(s).				
Please charge to Deposit Ac	count No. 15-0665 for the above fee(s).				
	charge any fees required by the filing of these				
papers, and to credit any overpayment to 0	Orrick, Herrington & Sutcliffe's Deposit Account				
No. 15-0665 .					
,	•				
,	Respectfully submitted,				
	ORRICK, HERRINGTON & SUTCLIFFE LLP				
Dated: June 9, 2004	By: Donald Daybell Reg. No. 50,877				

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Substitute for form 1449A/PTO			Complete if Known		
				Application Number	10/791,352
IPE I	NFORMATION	N DISCLOSUR	RE	Filing Date	March 1, 2004
STATEMENT BY APPLICANT			NT	First Named Inventor	Shashidhar Sathyanarayana
				Art Unit	3737
	(use as many she	eets as necessary)		Examiner Name	not yet assigned
PARTS BEET	1	of	1	Attorney Docket Number	701470.4074

U.S. PATENT DOCUMENTS					
Examiner		U.S. Patent Document	Publication Date	Name of Patentee or	
Initials	Cite No.1	Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	
	1.	4,100,916	07/18/1978	King	
	2.	4,262,306	04/14/1981	Renner	
	3.	4,686,692	08/11/1987	DeMeester et al.	
	4.	4,791,934	12/20/1988	Brunnett	
	5. `	4,831,645	05/16/1989	Guenther et al.	
	6.	4,907,252	03/06/1990	Aichinger et al.	
	7.	5,318,025	06/07/1994	Dumoulin et al.	
	8.	5,559,335	09/24/1996	Zeng	
	9.	5,676,673	10/14/1997	Ferre et al.	
	10.	5,792,147	08/11/1998	Evans et al.	
	11.	5,797,849	08/25/1998	Vesely et al.	
	12.	5,967,980	10/19/1999	Ferre et al.	
	13.	5,997,176	12/07/1999	Fairleigh	
	14.	6,019,725	02/01/2000	Vesely et al.	
	15.	US 6,236,704 B1	05/22/2001	Navab et al.	
	16.	US 6,298,261 B1	10/02/2001	Rex	
	17.	US 6,507,631 B1	01/14/2003	Takuno	
	18.	US 6,529,617 B1	03/04/2003	Prokoski	
	19.	US 6,542,770 B2	04/01/2003	Zylka et al.	
	20.	US 6,587,709 B2	07/01/2003	Solf et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.1	Foreign Patent Document Country ³ Number ⁴ Kind Code ^{5 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials'	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner	Date	
Signature	Considered	·

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is govern by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicants unique citation designation number (optional). ²See Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.